| 1.Component | FY 2005 MILITARY CONSTRUCTION PROGRAM | | | 2.Date | | |
|--|---------------------------------------|--------------------------|--|-----------------------|-------------|-----------------------------|
| NAVY | | | | | 13 JAN 2004 | |
| 3. Installation and Location/UIC: M62974 4. Project Title MARINE CORPS AIR STATION YUMA, ARIZONA BACHELOR ENLISTED | | | | | | ERS |
| 5.Program Elemen 0206496M | t | 6.Category Code 72124 | | roject Number P440 | 8. Pro | ject Cost (\$000) 18,740 |

9. COST ESTIMATES

| J. COST ESTIMITED | | | | | | |
|--|----|----------|-----------|-------------|--|--|
| Item | UM | Quantity | Unit Cost | Cost(\$000) | | |
| BACHELOR ENLISTED QUARTERS (68,620 SF) | | 6,375 | | 13520 | | |
| BACHELOR ENLISTED QUARTERS (68,620 SF) | m2 | 6,375 | 1,919.90 | (12240) | | |
| BUILT-IN EQUIPMENT | LS | | | (180) | | |
| TECHNICAL OPERATING MANUALS | LS | | | (180) | | |
| INFORMATION SYSTEMS | LS | | | (270) | | |
| ANTI-TERRORISM/FORCE PROTECTION | LS | | | (400) | | |
| SPECIAL COSTS | LS | | | (250) | | |
| SUPPORTING FACILITIES | | | | 2740 | | |
| SPECIAL CONSTRUCTION FEATURES | LS | | | (430) | | |
| ELECTRICAL UTILITIES | | | | (720) | | |
| MECHANICAL UTILITIES | | | | (390) | | |
| PAVING AND SITE IMPROVEMENTS | LS | | | (400) | | |
| DEMOLITION | LS | | | (800) | | |
| SUBTOTAL | | | | 16260 | | |
| CONTINGENCY (5%) | | | | 810 | | |
| TOTAL CONTRACT COST | | | | 17070 | | |
| SIOH (6%) | | | | 1020 | | |
| SUBTOTAL | | | | 18090 | | |
| DESIGN/BUILD - DESIGN COST | | | | 650 | | |
| TOTAL REQUEST ROUNDED | | | | 18740 | | |
| TOTAL REQUEST | | | | 18740 | | |

10. Description of Proposed Construction

Construct a multi-story reinforced Concrete Masonry Unit (CMU) building with seismic upgrades, service elevator, pile foundation, reinforced concrete slab and floors, and standing seam metal roofing, providing 150 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community, and service core areas consist of laundry facilities, lounges, administrative offices, multi-purpose rooms, housekeeping areas and public restrooms. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes one elevator. Electrical systems include fire alarms, energy saving Electronic Monitoring and Control System (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, Local Area network (LAN), and cable television). Paving and site improvements include paved parking, sidewalks, outdoor recreation facilities/courts, roadways access, bus shelter/turnouts, earthwork, grading and landscaping. Also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and demolition of buildings 855, 856, 858, and 862, involving asbestos and lead removal. Special costs include

DD Form 1391

| 1.Component NAVY | FY 2005 MILITARY CONSTRUCTION PROGRAM | | | | 2.Date 13 JAN 2004 | |
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| 5.Program Elemen 0206496M | t | 6.Category Code 72124 | | roject Number P440 | 8. Pro | ject Cost (\$000) 18,740 |

seismic features. Special construction features include pile foundations.

Rooms: 150 two-person rooms.

Maximum utilization: 300 E1-E3.

Intended Grade Mix: 225 E1-E3, 50 E-4, 25 E-5

Total: 300 persons.

11. Requirement: 2071MS Adequate: 1408MS Substandard: 248MS

PROJECT:

This project provides 300 living spaces (150 two-person rooms) for bachelor enlisted personnel using the 2XO standard room design for permanent party enlisted personnel at Marine Corps Air Station (MCAS) Yuma.

(Current Mission)

REQUIREMENT:

This project is needed to provide billeting for enlisted personnel at MCAS Yuma. This project also supports the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks that meet modern quality of life standards.

CURRENT SITUATION:

MCAS Yuma lacks safe, sufficient and adequate quarters for all grades of enlisted personnel. The existing buildings are not in compliance with life/safety/fire and seismic/structural requirements, and are classified as inadequate facilities for personnel. The existing facilities are gang-head configured.

IMPACT IF NOT PROVIDED:

If this project is not provided a shortfall of billeting quarters will continue to exist. Personnel will continue to be billeted in inadequate, unsafe buildings and will continue to endure a lower quality of life. The current living conditions are a detriment to morale and to retention efforts.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:

| (A) Date Design Start | | 082002 |
|------------------------------|----------------|--------|
| (B) Date Design 35% Complete | | 092004 |
| (C) Date Design Completed | | 042005 |
| (D) Percent Completed as of | SEPTEMBER 2003 | 3% |

DD Form 1391 C

| 1.Component NAVY | FY 20 | 005 MILITARY CONS | TRUCT | TION PROGRAM | | 2.Date 13 JAN 2004 |
|--|-------|--------------------------|-------|-----------------------|--------|-----------------------------|
| 3. Installation and Location/UIC: M62974 4. Project Title MARINE CORPS AIR STATION YUMA, ARIZONA 4. Project Title BACHELOR ENLISTED QUARTERS | | | | | ERS | |
| 5.Program Elemen 0206496M | t | 6.Category Code 72124 | | roject Number P440 | 8. Pro | ject Cost (\$000) 18,740 |

| (E) Percent Completed as of JANUARY 2004 | 3% |
|--|--------------|
| (F) Type of Design Contract | Design Build |
| (G) Parametric Estimate used to develop cost | Yes |
| (H) Energy study/Life cycle analysis performed | Yes |
| 2. Basis: | |
| (A) Standard or Definitive Design: | No |
| (B) Where Design Was Most Recently Used: | N/A |
| 3. Total Cost $(C) = (A) + (B) = (D) + (E)$: | \$580 |
| (A) Production of Plans and Specifications | \$500 |
| (B) All other Design Costs | \$80 |
| (C) Total | \$580 |
| (D) Contract | \$80 |
| (E) In-House | \$500 |
| 4. Contract Award | 012005 |
| 5. Construction Start | 042005 |
| 6. Construction Complete | 042007 |

- B. Equipment associated with this project which will be provided from other appropriations: NONE
- \$2,164 C. FY 2003 R&M Conducted (\$000): D. FY 2004 R&M Conducted (\$000): \$0 E. Future R&M Requirements (\$000): \$478

JOINT USE CERTIFICATION:

The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Marine Corps requirements.

Activity POC: CDR Mark A Terrill Phone No: 928-269-2051